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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,816	07/28/2003	Chang Nam Kim	CIT-0139A	4351
34610	7590	03/23/2005	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			ZIMMERMAN, GLENN	
			ART UNIT	PAPER NUMBER
			2879	

DATE MAILED: 03/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/627,816

Applicant(s)

KIM ET AL.

Examiner

Glenn Zimmerman

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10 and 12-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 10 and 12-19 is/are allowed.
- 6) ☒ Claim(s) 20 is/are rejected.
- 7) ☒ Claim(s) 13 and 20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

Amendment, filed on December 13, 2004, has been entered and acknowledged by the examiner.

Drawings

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: 20. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

Claims 13 and 20 are objected to because of the following informalities: In claim 13 line 2, the claim mentions "the electrode"; however there are two electrodes. Appropriate correction is required. Please determine which electrode should "the electrode" be i.e. first or second or if it should be both of them then please adjust claim accordingly. In claim 20 line 6, the examiner suggests changing "the buffer layers" to - - the buffer layer - -, to correct the spelling.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 20 is rejected under 35 U.S.C. 102(e) as being anticipated by Ooishi.

Regarding claim 20, Ooishi teaches a method for sealing an organic EL display panel (**Fig. 1**) having a multi-layered-structure in which a first electrode (**Fig. 1 ref. 2**) and a second electrode (**ref. 4**) are formed on a transparent panel and at least one organic EL layer (**ref. 3**) is formed between them, the method for sealing an organic EL display panel comprising the steps of: forming a buffer layer (**ref. 5 or 6**) on the transparent panel; and locating a shield cover (**ref. 7**) on the buffer layer; wherein the

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buffer layer in the region where the shield cover is located has an uneven shape (**one can see from Fig. 1 that the left side of ref. 5 or 6 is higher than the right side on the picture therefore creating unevenness**) or a dot shape formed of any one of a round shape, triangle shape, a quadrangle shape, and a polygonal shape

Allowable Subject Matter

Claims 10, 10/12, 10/13, 10/14, 10/15, 10/16, 10/17, 10/18, 19, 19/12, 19/13, 19/14, 19/15, 19/16, 19/17 and 19/18 are allowed.

Regarding claim 10, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests a method of sealing an organic EL display panel including the combination of all the limitations as set forth in claim 10, and specifically wherein the buffer layer is formed on an entire surface of the transparent panel other than a tap bonding region and a pixel region of the first and second electrodes could not be found elsewhere in prior art.

Regarding claims 10/12, 10/13, 10/14, 10/15, 10/16, 10/17 and 10/18, claims 10/12, 10/13, 10/14, 10/15, 10/16, 10/17 and 10/18 are allowed for the reasons given in claim 19, because of their dependency status on claim 19.

Regarding claim 19, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests a method of sealing an organic EL display panel including the combination of all the limitations as set forth in claim 19, and specifically forming a buffer layer on an entire surface of the transparent

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panel other than a tap bonding region and a pixel region of the first and second electrodes could not be found elsewhere in prior art.

Regarding claims 19/12, 19/13, 19/14, 19/15, 19/16, 19/17 and 19/18, claims 19/12, 19/13, 19/14, 19/15, 19/16, 19/17 and 19/18 are allowed for the reasons given in claim 19, because of their dependency status on claim 19.

The examiner believes that entire means just that the entire or whole surface other than the other limitations stated. The examiner believes that every nook and cranny of that transparent panel surface must have the buffer layer on it except other than a tap bonding region and a pixel region of the first and second electrode.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Kawaguchi et al. U.S. Patent 6,563,263. Juang et al. U.S. Patent 6,333,603 disclose an Organic Light Emission Device Display Module. Juang et al. shows tap bonding.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Glenn Zimmerman whose telephone number is (571) 272-2466. The examiner can normally be reached on M-W 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh D. Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Glenn Zimmerman


Joseph Williams
Primary Examiner
AU 2879